Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7224	"network traffic"	US-PGPUB; USPAT	OR	ON	2003/09/29 14:29
S2	121	"network traffic" with transaction	US-PGPUB; USPAT	OR	ON	2003/09/29 14:29
S3	3	("network traffic" with transaction).ti,ab.	US-PGPUB; USPAT	OR	ON	2003/09/29 14:30
S4	17	("network traffic" with transaction) and fee	US-PGPUB; USPAT	OR	ON	2003/09/29 14:32
S5	66	(705/417).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/09/29 14:34
S6	0	fee with based with internet with website with location	US-PGPUB; USPAT	OR	ON	2003/09/29 14:35
S7	3	fee with based with internet with location	US-PGPUB; USPAT	OR	ON	2003/09/29 14:36
S8	2	"5748889".URPN.	USPAT	OR	ON	2003/09/29 14:35
S9	7696	Internet.ti,ab. and (Internet with cost wit address)	US-PGPUB; USPAT	OR	ON	2003/09/29 14:37
S10	45	Internet.ti,ab. and (Internet with cost with address)	US-PGPUB; USPAT	OR	ON	2003/09/29 14:37
S11	21	Internet.ti,ab. and (Internet with cost with address)	USPAT	OR	ON	2003/09/29 14:50
S12	24	"5905736".URPN.	USPAT	OR	ON	2003/09/29 14:44
S13	1	"6567850".URPN.	USPAT	OR	ON	2003/09/29 14:44
S14	32	("5241594" | "5280470" | "5442630" | "5655077" | "5671354" | "5684950" | "5699521" | "5715394" | "5745556" | "5778182" | "5815665" | "5835727" | "5845070" | "5852812" | "5857102" | "5898780" | "5905736" | "5944824" | "5970477" | "5991810" | "6011910" | "6018619" | "6026440" | "6047376" | "6092196" | "6119160" | "6141687" | "6219790" | "6226277" | "6263369" | "6377955" | "6430619").PN.	USPAT	OR	ON	2003/09/29 14:45
S15	38	"5852812".URPN.	USPAT	OR	ON	2003/09/29 14:47

Considered all
JJ7 4/18/05

S16	11	("4766293" | "4799156" | "4926368" | "5311302" | "5347632" | "5420405" | "5442771" | "5526035" | "5561708" | "5570126" | "5583563").PN.	USPAT	OR	ON	2003/09/29 14:49
S17	8	bill$ with pay$ with (internet or web) with address	USPAT	OR	ON	2003/09/29 14:52
S18	0	bill$ with (internet or web) with "based upon" with address	USPAT	OR	ON	2003/09/29 14:53
S19	54	(internet or web) with "based upon" with address	USPAT	OR	ON	2003/09/29 15:09
S20	0	"6243750".URPN.	USPAT	OR	ON	2003/09/29 14:56
S21	22	("4752675" | "5446862" | "5649142" | "5793972" | "5812776" | "5870550" | "5884038" | "5898833" | "5929801" | "5933811" | "5933827" | "5935207" | "5943670" | "5948061" | "5959623" | "5960409" | "5961603" | "5995965" | "5999912" | "5999929" | "6009410" | "6016107").PN.	USPAT	OR	ON	2003/09/29 14:56
S22	21	"5960409".URPN.	USPAT	OR	ON	2003/09/29 14:58
S23	0	"6334111".URPN.	USPAT	OR	ON	2003/09/29 14:58
S24	12	("5537314" | "5712979" | "5717860" | "5812769" | "5819285" | "5884271" | "5937390" | "5960409" | "5991740" | "6029141" | "6067525" | "6154738").PN.	USPAT	OR	ON	2003/09/29 14:59
S25	81	"5717860".URPN.	USPAT	OR	ON	2003/09/29 15:00
S26	2	(internet or web) with charge? with network with traffic	USPAT	OR	ON	2003/09/29 15:11
S27	1	(internet or web) with bill$ with network with traffic	USPAT	OR	ON	2003/09/29 15:14
S28	72	internet adj1 billing	USPAT	OR	ON	2003/09/29 15:14
S29	16	(US-5905736-$ or US-6567850-$ or US-5852812-$ or US-6324528-$ or US-6131024-$ or US-6449765-$ or US-5960409-$ or US-6434614-$ or US-6334111-$ or US-5717860-$ or US-6505201-$ or US-6366298-$ or US-6029141-$ or US-5949415-$ or US-5812776-$ or US-6584500-$).did.	USPAT	OR	OFF	2003/09/29 15:26

S30	7	("5243592" | "5600637" | "5754543" | "5805593" | "5854899" | "6026151" | "6175870").PN.	USPAT	OR	ON	2003/09/29 15:18
S31	0	mirror.ti. and ((US-5905736-$ or US-6567850-$ or US-5852812-$ or US-6324528-$ or US-6131024-$ or US-6449765-$ or US-5960409-$ or US-6434614-$ or US-6334111-$ or US-5717860-$ or US-6505201-$ or US-6366298-$ or US-6029141-$ or US-5949415-$ or US-5812776-$ or US-6584500-$).did.)	USPAT	OR	OFF	2003/09/29 15:21
S32	0	"6334111".URPN.	USPAT	OR	ON	2003/09/29 15:24
S33	12	("5537314" | "5712979" | "5717860" | "5812769" | "5819285" | "5884271" | "5937390" | "5960409" | "5991740" | "6029141" | "6067525" | "6154738").PN.	USPAT	OR	ON	2003/09/29 15:24
S34	6	"5949415".URPN.	USPAT	OR	ON	2003/09/29 15:25
S35	24	"5905736".URPN.	USPAT	OR	ON	2003/09/29 15:25
S36	3	mirror.ti. and ("network traffic" or ("network traffic" with transaction) or (("network traffic" with transaction).ti,ab.) or (("network traffic" with transaction) and fee) or ((705/417).CCLS.) or (fee with based with internet with website with location) or (fee with based with internet with location) or "5748889".URPN. or (Internet.ti, ab. and (Internet with cost wit address)) or (Internet.ti,ab. and (Internet with cost with address)))	USPAT	OR	OFF	2003/09/29 15:28

| S37 | 0 | mirror.ti. and ((Internet.ti,ab. and (Internet with cost with address)) or "5905736".URPN. or "6567850".URPN. or (("5241594" \| "5280470" \| "5442630" \| "5655077" \| "5671354" \| "5684950" \| "5699521" \| "5715394" \| "5745556" \| "5778182" \| "5815665" \| "5835727" \| "5845070" \| "5852812" \| "5857102" \| "5898780" \| "5905736" \| "5944824" \| "5970477" \| "5991810" \| "6011910" \| "6018619" \| "6026440" \| "6047376" \| "6092196" \| "6119160" \| "6141687" \| "6219790" \| "6226277" \| "6263369" \| "6377955" \| "6430619").PN.) or "5852812". URPN. or (("4766293" \| "4799156" \| "4926368" \| "5311302" \| "5347632" \| "5420405" \| "5442771" \| "5526035" \| "5561708" \| "5570126" \| "5583563").PN.) or (bill$ with pay$ with (internet or web) with address) or (bill$ with (internet or web) with "based upon" with address) or ((internet or web) with "based upon" with address) or "6243750".URPN.) | USPAT | OR | OFF | 2003/09/29 15:30 |

S38	0	mirror.ti. and ((("4752675" | "5446862" | "5649142" | "5793972" | "5812776" | "5870550" | "5884038" | "5898833" | "5929801" | "5933811" | "5933827" | "5935207" | "5943670" | "5948061" | "5959623" | "5960409" | "5961603" | "5995965" | "5999912" | "5999929" | "6009410" | "6016107").PN.) or "5960409". URPN. or "6334111".URPN. or (("5537314" | "5712979" | "5717860" | "5812769" | "5819285" | "5884271" | "5937390" | "5960409" | "5991740" | "6029141" | "6067525" | "6154738").PN.) or "5717860".URPN. or ((internet or web) with charge? with network with traffic) or ((internet or web) with bill\$ with network with traffic))	USPAT	OR	OFF	2003/09/29 15:30
S39	0	mirror.ti. and ((internet adj1 billing) or ((US-5905736-\$ or US-6567850-\$ or US-5852812-\$ or US-6324528-\$ or US-6131024-\$ or US-6449765-\$ or US-5960409-\$ or US-6434614-\$ or US-6334111-\$ or US-5717860-\$ or US-6505201-\$ or US-6366298-\$ or US-6029141-\$ or US-5949415-\$ or US-5812776-\$ or US-6584500-\$).did.) or (("5243592" | "5600637" | "5754543" | "5805593" | "5854899" | "6026151" | "6175870").PN.) or (mirror.ti. and ((US-5905736-\$ or US-6567850-\$ or US-5852812-\$ or US-6324528-\$ or US-6131024-\$ or US-6449765-\$ or US-5960409-\$ or US-6434614-\$ or US-6334111-\$ or US-5717860-\$ or US-6505201-\$ or US-6366298-\$ or US-6029141-\$ or US-5949415-\$ or US-5812776-\$ or US-6584500-\$).did.)) or "6334111".URPN. or (("5537314" | "5712979" | "5717860" | "5812769" | "5819285" | "5884271" | "5937390" | "5960409" | "5991740" | "6029141" | "6067525" | "6154738").PN.) or "5949415". URPN. or "5905736".URPN.)	USPAT	OR	OFF	2003/09/29 15:28

S40	9	mirror$.ti. and ("network traffic" or ("network traffic" with transaction) or (("network traffic" with transaction).ti,ab.) or (("network traffic" with transaction) and fee) or ((705/417).CCLS.) or (fee with based with internet with website with location) or (fee with based with internet with location) or "5748889".URPN. or (Internet.ti, ab. and (Internet with cost wit address)) or (Internet.ti,ab. and (Internet with cost with address)))	USPAT	OR	OFF	2003/09/29 15:29
S41	0	mirror$.ti. and ((Internet.ti,ab. and (Internet with cost with address)) or "5905736".URPN. or "6567850".URPN. or (("5241594" \| "5280470" \| "5442630" \| "5655077" \| "5671354" \| "5684950" \| "5699521" \| "5715394" \| "5745556" \| "5778182" \| "5815665" \| "5835727" \| "5845070" \| "5852812" \| "5857102" \| "5898780" \| "5905736" \| "5944824" \| "5970477" \| "5991810" \| "6011910" \| "6018619" \| "6026440" \| "6047376" \| "6092196" \| "6119160" \| "6141687" \| "6219790" \| "6226277" \| "6263369" \| "6377955" \| "6430619").PN.) or "5852812". URPN. or (("4766293" \| "4799156" \| "4926368" \| "5311302" \| "5347632" \| "5420405" \| "5442771" \| "5526035" \| "5561708" \| "5570126" \| "5583563").PN.) or (bill$ with pay$ with (internet or web) with address) or (bill$ with (internet or web) with "based upon" with address) or ((internet or web) with "based upon" with address) or "6243750".URPN.)	USPAT	OR	OFF	2003/09/29 15:30

S42	1	mirror$.ti. and ((("4752675" \| "5446862" \| "5649142" \| "5793972" \| "5812776" \| "5870550" \| "5884038" \| "5898833" \| "5929801" \| "5933811" \| "5933827" \| "5935207" \| "5943670" \| "5948061" \| "5959623" \| "5960409" \| "5961603" \| "5995965" \| "5999912" \| "5999929" \| "6009410" \| "6016107").PN.) or "5960409". URPN. or "6334111".URPN. or (("5537314" \| "5712979" \| "5717860" \| "5812769" \| "5819285" \| "5884271" \| "5937390" \| "5960409" \| "5991740" \| "6029141" \| "6067525" \| "6154738").PN.) or "5717860".URPN. or ((internet or web) with charge? with network with traffic) or ((internet or web) with bill$ with network with traffic))	USPAT	OR	OFF	2003/09/29 15:30
S43	28	"5935207".URPN.	USPAT	OR	ON	2003/09/29 15:45
S44	0	"6243750".URPN.	USPAT	OR	ON	2003/09/29 15:48
S45	22	("4752675" | "5446862" | "5649142" | "5793972" | "5812776" | "5870550" | "5884038" | "5898833" | "5929801" | "5933811" | "5933827" | "5935207" | "5943670" | "5948061" | "5959623" | "5960409" | "5961603" | "5995965" | "5999912" | "5999929" | "6009410" | "6016107").PN.	USPAT	OR	ON	2003/09/29 15:49
S46	21	"5960409".URPN.	USPAT	OR	ON	2003/09/29 15:52
S47	26	(US-6324528-$ or US-6519596-$ or US-6449765-$ or US-6330715-$ or US-6243750-$ or US-6009410-$ or US-5999929-$ or US-5995965-$ or US-5999912-$ or US-5960409-$ or US-5935207-$ or US-6434614-$ or US-6334111-$ or US-6317761-$ or US-5812769-$ or US-5717860-$ or US-5537314-$ or US-6366298-$ or US-5949415-$ or US-6584500-$ or US-6446119-$ or US-6122663-$ or US-6606643-$ or US-6581090-$ or US-6490602-$ or US-6466966-$).did.	USPAT	OR	OFF	2003/12/15 09:27

S48	0	"6519596".URPN.	USPAT	OR	ON	2003/12/15 09:45
S49	0	"6334111".URPN.	USPAT	OR	ON	2003/12/15 09:53
S50	21	"5960409".URPN.	USPAT	OR	ON	2003/12/15 09:55
S51	84	"5717860".URPN.	USPAT	OR	ON	2003/12/15 09:58
S52	2	"6081835".URPN.	USPAT	OR	ON	2003/12/15 10:06
S53	5	("5530852" | "5572643" | "5678041" | "5712979" | "5717860").PN.	USPAT	OR	ON	2003/12/15 10:06
S54	12	"5983199".URPN.	USPAT	OR	ON	2003/12/15 10:09
S55	17	(US-6519596-$ or US-6243750-$ or US-5948061-$ or US-5960409-$ or US-5935207-$ or US-6334111-$ or US-6029141-$ or US-5717860-$ or US-5537314-$ or US-6505201-$ or US-6366298-$ or US-6081835-$ or US-6016504-$ or US-5983199-$ or US-6584500-$ or US-6446119-$ or US-6223215-$).did.	USPAT	OR	OFF	2003/12/15 10:15
S56	20	(internet near2 traffic).ti,ab.	USPAT	OR	OFF	2003/12/15 10:13
S57	3	(("6584500") or ("6606657") or ("5905736")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/24 19:36
S58	7	(("6584500") or ("6606657") or ("5905736") or ("5668988") or ("6349289") or ("5602905") or ("6112240")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/24 19:36
S59	1	("5590197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/24 19:38
S60	18	("6519596"|"5717860"|"6584504").PN. or ("5960409"|"5905736"|"6584500"|"6606657"|"6334111"|"6349289"|"6243750"|"6112240"|"6029141"|"6016504"|"5948061"|"5935207"|"5668988"|"5602905"|"5590197").PN.	US-PGPUB; USPAT	OR	ON	2005/03/13 16:47
S61	0	S60 and barter	US-PGPUB; USPAT	OR	ON	2005/03/13 16:48
S62	354	barter and network	US-PGPUB; USPAT	OR	ON	2005/03/13 16:48
S63	102	barter and network and traffic	US-PGPUB; USPAT	OR	ON	2005/03/13 16:48
S64	95	barter and network and traffic and internet	US-PGPUB; USPAT	OR	ON	2005/03/13 16:49
S65	84	barter and network and traffic and internet and account	US-PGPUB; USPAT	OR	ON	2005/03/13 16:49

S66	41	barter and network and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:49
S67	40	barter and network and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	OFF	2005/03/13 16:49
S68	41	barter and network and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:52
S69	41	S68 and barter	US-PGPUB; USPAT	OR	ON	2005/03/13 16:50
S70	0	(barter with network with traffic) and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S71	3	(barter with network) and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S72	0	(barter$ with network with traffic) and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S73	5	(barter$ with network) and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S74	0	("6473401").URPN.	USPAT	OR	ON	2005/03/13 16:59
S75	14	("20020041600" | "4706081" | "5355453" | "5392400" | "5408465" | "5604867" | "5655140" | "5708659" | "5719854" | "5748901" | "5935205" | "6240461" | "6253234" | "6389468").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/13 16:59
S76	0	("20020041600" | "4706081" | "5355453" | "5392400" | "5408465" | "5604867" | "5655140" | "5708659" | "5719854" | "5748901" | "5935205" | "6240461" | "6253234" | "6389468").PN. and barter	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/13 16:59

EIC 3600 COMMERCIAL DATABASE SEARCH REQUEST

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Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: _Andrew Fischer_   Examiner # : __75586__ Date: _March 13, 2005_

Art Unit: __3627__   Phone Number: _305-0292_   Serial Number: _09/837,719_ '

Bldg & Room #: _PK5 7B-09_   Results Format Preferred: PAPER ☒ DISK ☐ E-MAIL ☐

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following: (Total Pages including this sheet: 9)
   Title of Invention: _____Bib Data Sheet Attached_____|

   Inventors (provide full names) : _____|

Earliest Priority Filing Date: ___4/18/2001 – preferably before 4/18/2000_____|

Requested attachments:
   • If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
      Please attach copies of the parts of this case that help explain or are <u>most pertinent to this search.</u>

      Abstract, Background of the Invention, Summary of the Invention and claim 1 is included.

The claimed or apparent novelty of the invention is:

A web based system that sets up an account. The system also has a tracks traffic volume. The computer system redirects web traffic to a particular web site.

A barter transaction occurs between the user selling: a right to use the network in exchange for

This search should focus on:
   (Also include keywords or synonyms)

A barter system that trades network access for redirection of network traffic.

If you have any questions or need help with keywords, please feel free to contact me.

Special Instructions or Other Comments

COMPLETE INTERNET & PRIOR ART SEARCH REQUESTED

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File   96:FLUIDEX 1972-2005/Mar
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File   98:General Sci Abs/Full-Text 1984-2004/Dec
           (c) 2005 The HW Wilson Co.
File   99:Wilson Appl. Sci & Tech Abs 1983-2005/Feb
           (c) 2005 The HW Wilson Co.
File 100:Market Guide Company Financials 2005/Mar 14
           (c) 2005 Market Guide
File 101:Disclosure Database(R) 2005/Mar W2
           (c) 2005 Thomson Financial
File 103:Energy SciTec 1974-2005/Mar B1
           (c) 2005 Contains copyrighted material
File 104:AeroBase 1999-2005/Jan
           (c) 2005 Contains copyrighted material
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Mar 18
           (c) 2005 The Gale Group

Set     Items    Description
S1      171965    (WEBSITE? OR WEBPAGE? OR WEB()(SITE? OR PAGE?) OR NETWORK?
```

```
               OR INTERNET)(3N)TRAFFIC
S2        1416     S1(5N)(REDIRECT? OR REROUTE? ? OR REROUTING? OR RE()ROUT? -
               OR FORWARD)
S3          37     S2(5N)(TRACK? OR MONITOR? OR ASSESS? OR WATCH)
S4      122285     (DEBIT? OR CHARGE? OR PAYMENT?)(5N)(ACCOUNT OR ACCOUNTS)
S5          24     S3 NOT PY>2000
S6          17     RD (unique items)
S7           0     S2(5N)S4
S8           2     S2 AND S4
S9           1     RD (unique items)
S10          6     S2(5N)(DEBIT? OR CHARGE? OR PAYMENT?)
S11          4     RD (unique items)
S12          0     S1(5N)IDEAFLOOD?
S13          1     S1 AND IDEAFLOOD?
S14       2080     S1(5N)(TRAFFIC()(GENERAT? OR MANAGER?))
?
```

Considered GJF 4/18/05

6/3,K/1   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

05751074   E.I. No: EIP01015471298
  Title: Inter-urban traffic management systems
  Author: Anon
  Source: Highways and Transportation v 47 n 12 Dec 2000. 4 pp
  Publication Year: 2000
  CODEN: HITRED   ISSN: 0265-6868
  Language: English

.....Abstract: out and to inform him on the road about the traffic
conditions. The new system **monitors** the **traffic   network** and in case
required **re - routes** traffic, integrates highways with local roads. The
final result obtained with this new system are...

6/3,K/2   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)

1981465 Supplier Number: 01981465   (USE FORMAT 7 OR 9 FOR FULLTEXT)
CompuServe Intros ISDN Network Backup Service In Europe
(CompuServe Network Services (CNS) has unveiled its dedicated ISDN
  (integrated services digital network) backup service in Europe)
Newsbytes News Network, p N/A
November 03, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 313

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...new service is based on Controlware Communications' Taxi ISDN backup
technology. According to CNS, Taxi **monitors   network** performance and
redirects   traffic if a fault is detected in the frame relay line.
According to Carver, Taxi is...

6/3,K/3   (Item 1 from file: 13)
DIALOG(R)File   13:BAMP

1184210   Supplier Number: 02635381 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SS7 makes the switch
(Veteran technologies with a modern variation are key protocols in the
  world of Internet-based telecommunications)
Article Author(s): Cable, Reg
Communications News, v 37, n 10, p 32-36
October 2000
DOCUMENT TYPE: Journal ISSN: 0010-3632 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1210

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...high degree of reliability, provided that network operators handle

congestion appropriately. Internet telephony carriers carefully **monitor** the **networks** for congestion, **rerouting** **traffic** over alternate pathways when congestion occurs. Some Internet telephony carriers guarantee quality at least equivalent...

6/3,K/4   (Item 2 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2005 The Gale Group. All rts. reserv.

1107760   Supplier Number: 01795212 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Developing a Reliable Medical Informatics Network
(Healthcare organizations are encouraged to keep up with technology trends
    by investing in upgradable equipment, minimize potential downtime and
    have sufficient support staff)
Article Author(s): Kovach, David
Healthcare Financial Management, p 48,49
January 1999
DOCUMENT TYPE: Journal ISSN: 0735-0732 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1148

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...The network manager oversees the daily operation of the informatics
network. The responsibilities of the **network** manager include **monitoring**
 traffic flow, temporarily **rerouting** segments when congestion or
malfunction threatens performance, reallocating resources or reconfiguring
the network in response...

6/3,K/5   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02005407 52025832
Nortel grabs CoreTek for $1.43B
April, Carolyn A
InfoWorld v22n13 PP: 24 Mar 27, 2000
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 204

...TEXT: devices will let networks change light wavelengths in real time as
they travel through the **network** so that **traffic** can be **monitored** and
rerouted , according to the companies. The result is improved speed and
performance as well as lower...

6/3,K/6   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01681610 03-32600
Learning from hackers
Kearns, Dave
Network World v15n32 PP: 18 Aug 10, 1998
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 494

...TEXT: machine on any port using any HTTP client; and a packet sniffer
that allows easy **monitoring** of **network** **traffic** .

BackOrifice also allows connection **redirection** , in which connections are
bounced off one machine to any other machine on the Internet...

6/3,K/7   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

08103604   Supplier Number: 67533181 (USE FORMAT 7 FOR FULLTEXT)
**Defying Denial of Service Attacks -- Hackers are smart and ready to attack,
   so arming your PCs and servers with protection systems is worth your
   while.(Internet/Web/Online Service Information)**
Betts, William
Network Magazine, p52
Dec 1, 2000
Language: English   Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 3166

...   support SNMP because it is active by default. An SNMP attack can
result in the **network** being mapped, and **traffic** can be **monitored** and
redirected .
      The best defense against this attack is upgrading to SNMP3, which
encrypts passwords and messages...

6/3,K/8   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

07147921   Supplier Number: 60805783 (USE FORMAT 7 FOR FULLTEXT)
**ACQUISITION: Nortel grabs CoreTek for $1.43B.(Company Business and
   Marketing)**
April, Carolyn A.
InfoWorld, v22, n13, p24
March 27, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 206

...   devices will let networks change light wavelengths in real time as
they travel through the **network** so that **traffic** can be **monitored** and
rerouted , according to the companies. The result is improved speed and
performance as well as lower...

6/3,K/9   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06412588   Supplier Number: 54884741 (USE FORMAT 7 FOR FULLTEXT)
**Message Inspector investigates e-mail.(Elron Softwares Message Inspector
   2.0 network security software)(Software Review)(Evaluation)**
Lori Mitchell,
InfoWorld, v21, n24, p50
June 14, 1999
Language: English   Record Type: Fulltext Abstract

Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 1028

...   infoworld.com.
    THE BOTTOM LINE: FAIR
    Message Inspector, Version 2.0
    Summary: Message Inspector effectively **monitors   network   traffic**
, **tracking** , blocking, and **redirecting** inappropriate FTP site,
newsgroup, and e-mail data.
    Business Case: Companies can ease the security...

 6/3,K/10   (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05887391   Supplier Number: 53078369 (USE FORMAT 7 FOR FULLTEXT)
**NetCore Systems Introduces The Everest TREK: First Dynamic Traffic
  Engineering Solution For IP Service Providers.**
PR Newswire, p0084
Oct 13, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1137

...   distribution of traffic and reduce the performance impact of
congested network "hot spots." Operators manually **monitor** network status
and use manual **network** reconfiguration to **redirect**   traffic . This is a
basic form of traffic engineering that is breaking down as IP networks...

 6/3,K/11   (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05615041   Supplier Number: 48496123 (USE FORMAT 7 FOR FULLTEXT)
NEXTLINK California Brings Advanced Dial-Tone Technology to the Bay Area
PR Newswire, p0525SFW024
May 25, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 456

...   include numerous high-capacity fibers and self-healing SONET
(Synchronous Optical Network) transmission equipment, which **monitors
network   traffic** , and automatically **re - routes** calls in the case of a
severed trunk, eliminating any service interruption for customers.
    NEXTLINK...

 6/3,K/12   (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02728081   Supplier Number: 43649330 (USE FORMAT 7 FOR FULLTEXT)
Maxm Boosts Automation Ware
CommunicationsWeek, p45
Feb 15, 1993
Language: English   Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 304

...   server, the company said.
    With the new Maxm, users can automate such tasks as resource
monitoring , fault detail collection, **network** performance reporting and
traffic   **rerouting** , Maxm Systems, Vienna, Va., said.
    Maxm interfaces with a variety of elements via a library...

 6/3,K/13   (Item 7 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01865097   Supplier Number: 42365102   (USE FORMAT 7 FOR FULLTEXT)
Bytex Expands Switch Line
Electronic News (1991), p14
Sept 16, 1991
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 146

...   senior product manager Jerry Miller acknowledged that total sales
of matrix switches, used mainly for **monitoring** large corporate **networks**
and **redirecting**   **traffic** in the event of failures, are "flat at best."

 6/3,K/14   (Item 8 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01359852   Supplier Number: 41610674   (USE FORMAT 7 FOR FULLTEXT)
MCI Offers INMS
CommunicationsWeek, p6
Oct 15, 1990
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 405

...   management, configuration management, operations management, and
performance and planning management.
    Trouble management will let users **monitor** the MCI **network** and
reroute their **traffic** on the MCI **network** to access voice and data
services. Configuration management will let users configure or reconfigure
their...

 6/3,K/15   (Item 9 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01139063   Supplier Number: 41289905   (USE FORMAT 7 FOR FULLTEXT)
SONET, broadband stole the Supercomm show
MIS Week, p5
April 23, 1990
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 601

...   the SONET "overhead," and offer users the messaging capability that

enables users to control bandwidth, **monitor** the **network** and **reroute traffic** .
           hase Three will address the "mid-span meet" specifications that will
allow users to interconnect....

   6/3,K/16   (Item 1 from file: 20)
   DIALOG(R)File 20:Dialog Global Reporter
   (c) 2005 The Dialog Corp. All rts. reserv.

   05279420 (USE FORMAT 7 OR 9 FOR FULLTEXT)
   CrossKeys shares hammered on fourth-quarter loss warning: Echoes Newbridge:
      Taking longer to close the sale on standalone products
   JILL VARDY
   FINANCIAL POST, p04
   May 12, 1999
   JOURNAL CODE: FFP   LANGUAGE: English   RECORD TYPE: FULLTEXT
   WORD COUNT: 521

      (USE FORMAT 7 OR 9 FOR FULLTEXT)

   ...   cents) and $11.1-million in sales.
      CrossKeys makes software that helps telecommunications companies
   closely **monitor** the performance of their **networks** , and **reroute
   traffic** if those **networks** fail.
      It faces a tough transition to selling its software products as
   standalone solutions rather...

   6/3,K/17   (Item 1 from file: 47)
   DIALOG(R)File 47:Gale Group Magazine DB(TM)
   (c) 2005 The Gale group. All rts. reserv.

   03084152   SUPPLIER NUMBER: 06542865   (USE FORMAT 7 OR 9 FOR FULL TEXT)
   **Bridge hardware extends Ethernet 3-km span sixfold. (BICC Data Networks
      Inc.'s ISOLAN Primary Bridge) (Connectivity Section) (product
      announcement)**
   Garretson, Rob
   PC Week, v5, n15, pC11(1)
   April 12, 1988
   DOCUMENT TYPE: product announcement   ISSN: 0740-1604   LANGUAGE:
      ENGLISH   RECORD TYPE: FULLTEXT
   WORD COUNT: 320   LINE COUNT: 00026

   ...   LAN without significantly slowing network performance, he said.
      Like many intelligent bridges the ISOLAN bridge **monitors** all
   network   traffic and **forward** only the data, or packets, addressed to
   nodes on the other side. This reduces extraneous...
   ?

08012461   Supplier Number: 66163033 (USE FORMAT 7 FOR FULLTEXT)
Excite@Home Integrates imall.com and stuff.com Into Excite Stores.
PR Newswire, p3222
April 24, 2000
Language: English . Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 580

...   Business Services group. Excite Stores, the company's online
merchant directory, immediately benefits from the **redirected**   Internet
traffic and e-commerce transactions from imall.com and stuff.com.
(Photo:. http://www.newscom..com....

...wizard driven, template-based store builder, shopping cart and cash
register, an Internet ready merchant **account** , **payment** gateway, and web
traffic leveraging Excite.com, ExciteShopping and Excite Stores.
        About Excite@Home
        Excite...
?

date
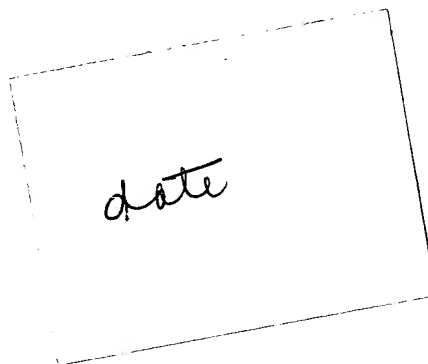
11/3,K/1   (Item 1 from file: 13)
DIALOG(R)File   13:BAMP
(c) 2005 The Gale Group. All rts. reserv.

1109941   Supplier Number: 01816259 (USE FORMAT 7 OR 9 FOR FULLTEXT)
RFP: Heading For Disaster?
(Deciding which systems are important enough to include in your continuity
    plan is just one of 5 areas that need to be addressed in a
    disaster-recovery plan)
Network Computing, v 10, n 1, p 39-56
January 11, 1999
DOCUMENT TYPE: Journal ISSN: 1046-4468 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3823

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...interactive voice response) system, and dial-backup solutions will be
provided for communications recovery with **payment** providers and trading
partners. **Internet   traffic** is **redirected** via UUNet and MCI using
BGP4.

For DCH's midcritical systems, Comdisco recommends a hybrid...

    11/3,K/2   (Item 1 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

10643280   Supplier Number: 106132236 (USE FORMAT 7 FOR FULLTEXT)
**MCI Responds To New Accusations; Chairman and CEO Michael Capellas says MCI
   is cooperating with federal prosecutors' investigation of claims that it
   has rerouted U.S. network   traffic through Canada to avoid access
   charges .(Brief Article)**
InternetWeek, pNA
July 31, 2003
Language: English   Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 332

   **...Michael Capellas says MCI is cooperating with federal prosecutors'
   investigation of claims that it has** rerouted **U.S.** network   traffic
   through Canada to avoid access charges **.(Brief Article)**
   ...   is cooperating fully with federal prosecutors' investigation of
claims that it has been avoiding access **charges** by **rerouting** U.S.
network   traffic through Canada.
      Under the "Canadian Gateway Project," the name for the alleged
practice given by...

   11/3,K/3   (Item 2 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

10620947   Supplier Number: 105958141 (USE FORMAT 7 FOR FULLTEXT)
**MCI Faces New Fraud Allegations; MCI faces new allegations that it
   rerouted   network   traffic through Canada to avoid charges that were
   instead borne by AT&T and Verizon.**

InternetWeek, pNA
July 28, 2003
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 511

MCI Faces New Fraud Allegations; MCI faces new allegations that it
   rerouted   network   traffic **through Canada to avoid** charges **that were
   instead borne by AT&T and Verizon.**
        Set to emerge from bankruptcy this fall, MCI faces new allegations
that it **rerouted   network   traffic** through Canada to avoid calling
charges .
        Currently being investigated by federal prosecutors, the allegations
surfaced over the weekend, starting with a...

   11/3,K/4   (Item 3 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06071549   Supplier Number: 53548170   (USE FORMAT 7 FOR FULLTEXT)
**RPF: Heading For Disaster?(hypothetical disaster recovery scenarios
)(Company Operations)**
Walsh, Brian
Network Computing, p39(1)
Jan 11, 1999
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3012

...   interactive voice response) system, and dial-backup solutions will
be provided for communications recovery with **payment** providers and
trading partners: **Internet   traffic** is **redirected** via UUNet and MCI
using BGP4.
        For DCH's midcritical systems, Comdisco recommends a hybrid...
?

13/3,K/1   (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

27488685 (USE FORMAT 7 OR 9 FOR FULLTEXT)
 Ideaflood , **Inc. to Sell Core Internet Patent**
PR NEWSWIRE (US)
February 10, 2003
JOURNAL CODE: WPRU   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 575

   (USE FORMAT 7 OR 9 FOR FULLTEXT)
 Ideaflood , **Inc. to Sell Core Internet Patent**

     STATELINE, Nev., Feb. 10 /PRNewswire/ -- **Ideaflood** , Inc., an
intellectual property holding corporation, today announced plans to begin
looking for a buyer for its Patent No. U.S. 6,389,458, covering exit
 traffic on the **Internet** . The patent has been described as one of the
most widely infringed patents ever issued...

...an estimated $1.85 billion in combined revenues in 2002 by using methods
covered by **Ideaflood** 's exit traffic patent.
...   of core Internet-based applications. Some of these include: --
Advertising Applications -- Hundreds of thousands of **web** **sites** sell
exit **traffic** to sponsors or trade visitors with other sites via exit
exchanges. -- Security Applications -- Hundreds of...

...are licensed for about 2% of each licensee's gross revenues. In this new
paradigm **Ideaflood** 's patent, covering such a widely infringed core
Internet technology, stands to generate substantial licensing...

... sold to a major public company in 1999). Mr. Shuster has assigned the
patent to **Ideaflood** , Inc.
     Additional information regarding the '458 Patent, **Ideaflood** , Inc.,
the sale of this patent, and articles regarding Internet licensing regimes,
is available on http://www. **ideaflood** .com/ .
     For further information, please contact Steve English for **Ideaflood** ,
Inc., yanc@ **ideaflood** .com **Ideaflood** , Inc.
     CONTACT: Steve English for **Ideaflood** , Inc., yanc@ **ideaflood** .com
     Web site: http://www.itworld.com/Man/2687/030122sbcpatent
     Web site: http://www.acaciaresearch.com/main.html
     Web site: http://www. **ideaflood** .com/

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File 256:TecInfoSource 82-2005/Feb
        (c) 2005 Info.Sources Inc
File   2:INSPEC 1969-2005/Mar W1
        (c) 2005 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2005/Feb
        (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Mar W2
        (c) 2005 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Feb
        (c) 2005 The HW Wilson Co.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group
File 474:New York Times Abs 1969-2005/Mar 17
        (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Mar 17
        (c) 2005 The New York Times


Set     Items     Description
S1      30086     (WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR NETWORK?
                  OR INTERNET)(5N)(VISITOR? OR TRAFFIC OR SURFER OR SURFERS OR -
                  CLIENT?)
S2         35     S1(5N)REDIRECT?
S3        216     S1(5N)(TRAFFIC()(GENERAT? OR MANAGER?))
S4        922     S1(5N)(TRACK? OR MONITOR? OR ASSESS? OR WATCH)
S5        244     S1(5N)(BARTER? OR EXCHANG? OR TRADE OR TRADES OR TRADING)
S6       5684     (DEBIT? OR CHARGE? OR PAYMENT?)(5N)(ACCOUNT OR ACCOUNTS)
S7          0     IDEAFLOOD?
S8         26     AU=(SHUSTER, G? OR SHUSTER G?)
S9          1     (S2 OR S3 OR S4 OR S5) AND S6
S10      1394     S2 OR S3 OR S4 OR S5
S11      1030     S10 NOT PY>2000
S12      1029     S11 NOT S9
S13       909     RD (unique items)
S14       890     S13 NOT (STAMPING OR HOSPIT? OR BALANCE?)
S15        28     S14 AND ACCOUNT? ?
S16         0     S8 AND S10
```

Considered OJT 4/18/05

00136303   DOCUMENT TYPE: Review

PRODUCT NAMES: Fport   (088021); FileListPro   (088048)

TITLE: Cybersleuthing Solves the Case: Computer forensic investigators...
AUTHOR: Radcliff, Deborah
SOURCE: Computerworld,   v36 n3   p36(2) Jan 14, 2002
ISSN: 0010-4841
HOMEPAGE: http://www.computerworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

TCPDump, Foundstone's Fport, and New Technologies' FileListPro are central
to described scenarios that exemplify the use of digital forensic
investigations. Computer forensic investigators use multiple methods and
tools to trap and prosecute cybercriminals. A cross-section of various
types of cyber-investigations and the tools used in them are covered, and
three scenarios are presented. They are Internet and database
investigations that stymied two busy Russian carders (credit card thieves);
system and network examination at the University of Washington that helped
jettison a cracker from 30 of its systems; and forensic examinations of
many machines that assisted a business in retrieving its intellectual
property and stopped the thief from using it again. Digital forensics
provides clues that can show how someone broke in; which systems were
affected; how the problems can be fixed; and how repetition of the same
problems can be prevented. The carders were caught when the names 'Hudsen'
and 'Stivenson' showed up too many times in **accounts** held by online
payment processor PayPal, while the crackers were ousted after
investigators used TCPDump to capture unusual **traffic** moving to and from
Internet Relay Chat (IRC) **redirectors** . The intellectual assets thief's
illegal activities were halted when signs of file copying to removable
media were found in his office computer, while FileListPro showed that
engineering drawings had been copied to a home computer after the engineer
left the firm.

COMPANY NAME: Foundstone Inc   (699764); New Technologies Inc   (700711)
SPECIAL FEATURE: Charts
DESCRIPTORS: Forensics; Fraud Protection; Police Departments
REVISION DATE: 20030930

00144771   DOCUMENT TYPE: Review

PRODUCT NAMES: FTP   (838748); Computer Security   (830071)

TITLE: FTP Server Offers Key to the Store
AUTHOR: Thurman, Mathias
SOURCE: Computerworld,   v37 n6 p34(1) Feb 10, 2003
ISSN: 0010-4841
HOMEPAGE: http://www.computerworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A security manager discusses a situation in his company that allowed
careless practices to leave key user IDs and passwords available for public
downloading. Part of his diagnosis involved logging into a File Transfer
Protocol (FTP) server as an anonymous user, where he found that several
directories had been created and filled with 4GB of unauthorized MP3 files.
He also found that a file called Commands had **account** names and
associated passwords for support Web sites used by the company and for
access to internal company servers. Special **accounts** that provide access
to technical support Web sites require user IDS and passwords for
accessibility. The FTP server cannot be eliminated, so the security manager
will add instructions for configuring the anonymous FTP server to
already-published secure baseline procedures. In another event, malicious
activity occurred against a server in the certification lab; several key
directories had been deleted. However, the engineer who reported the
intrusion exacerbated the problem by waiting a month to report the incident
and has also accessed files and written to various log files on the system.
These actions made it difficult to determine which activity was allowed and
which was hacking. A secure baseline will be used to make sure that all
systems, including those in labs, are secured. The security manager will
also temporarily configure an intrusion detection system sensor to **watch
traffic** on the lab **network** segment.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Computer Security; File Transfer; Internet Security
REVISION DATE: 20030530

00136207   DOCUMENT TYPE: Review

**PRODUCT NAMES: Keynote   (678015); Hawk   (082961); Sun Java System
(048712); ActiveWatch   (799653)**

TITLE: Know Your Web Sites Inside Out: IT managers use outsourced...
AUTHOR: Liebmann, Lenny
SOURCE: InternetWeek,   v890 p33(2) Jan 7, 2002
ISSN: 0746-8121
HOMEPAGE: http://www.internetwk.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Keynote Systems' Keynote, GetThere's/Sabre's GetThere, TIBCO Software's
Hawk, Sun Microsystems' Sun ONE, and Mercury Interactive's ActiveWatch are
among available outsourced monitoring services and internal diagnostic
tools that allow teams to monitor Web site performance and quickly diagnose
and fix problems. For instance, America West Airlines uses it Web site to
sell tickets, provide current flight information, and allow customers to
check frequent flier **accounts** . KeyNote, a site monitoring service, tracks
performance from the vantage point of the end user and is useful for
real-time alerting and historical trending of site performance. However,
such services as Keynote also respond to Internet problems over which
America West staff have no control, so America West also uses diagnostic
software from Tonic that operates behind the firewall. The Standard &
Poor's division of The McGraw-Hill Companies uses tools that monitor sites
from the customer's viewpoint, including HP OpenView and Tibco's Hawk, to
track IT infrastructure performance. However, also required is Topaz, which
monitors S&P's Web site from inside a company firewall. S&P uses the Sun
ONE platform for a genuine Web service platform under development and wraps
the new services in a Simple Object Access Protocol (SOAP) layer. Output is
based on XML, which allows monitoring of each Web service performance.
ActiveWatch is a service for out-side-the firewall monitoring through about
500 points on the Internet.

COMPANY NAME: Keynote Systems Inc   (624012); TIBCO Software Inc   (620777);
     Sun Microsystems Inc   (385557); Mercury Interactive Corp   (523747)
DESCRIPTORS: Computer Diagnostics; E-Commerce; **Internet   Traffic**
     Analysis; **Network** Administration; **Network** Software; Outsourcing;
     Performance **Monitors** ; Sun Java System; System Monitoring; System
     Performance; Webmasters
REVISION DATE: 20040330

   15/5/3   (Item 3 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00126058   DOCUMENT TYPE: Review

PRODUCT NAMES: WebSideStory   (018236)

TITLE: Box It Up: Web site statistics made simple
AUTHOR: Brodsky, Charles L
SOURCE: InternetWeek,   v830   p74(1) Sep 25, 2000
ISSN: 0746-8121
HOMEPAGE: http://www.internetwk.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

WebSideStory's HitBox Enterprise, a Web site analysis service, gets
excellent marks overall. The solution can monitor pages by tagging each
with a JavaScript block that does not change how the page displays but
allows HitBox to track hits and other user information. Code is compatible
with frames, Secure Sockets Layer (SSL), and static and dynamic content.
This method has some important advantages over log- file analysis. For
instance, users need not invest IT resources, and they also get statistics
in real time. No server clusters or consolidating logs are required, and

users can filter out search robots and track hits from cached pages. Because caching proxy servers are increasingly used, this is a compelling feature. HitBox Enterprise is easy to use and allows users to track visitors, system settings, including screen resolution, browser version, and cookie acceptance. Users who want to be able to view statistics at any time can view the information from a wireless Palm VII or a Web-ready phone. Testers could see statistics on what attracted users to their site, including the most popular keywords and how many visitors used it per day, week, month, or year. To make information manageable for particular needs, users can establish multiple login **accounts** . A reporting feature was used to consolidate different types of data and e-mail it in an Adobe Acrobat report.

PRICE: $1295

COMPANY NAME: WebSideStory Inc (662402)
SPECIAL FEATURE: Charts Screen Layouts Graphs
DESCRIPTORS: E-Commerce; **Internet Traffic** Analysis; Market Research;
    Network Administration; **Network** Software; System **Monitoring** ;
    System Performance; Webmasters
REVISION DATE: 20020630

 15/5/4   (Item 4 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00124563   DOCUMENT TYPE: Review

PRODUCT NAMES: Surveyor 3.1 (665941)

TITLE: Shomiti audits network
AUTHOR: Sturdevant, Cameron
SOURCE: eWeek,   v17 n28 p77(2) Jul 10, 2000
ISSN: 1530-6283
HOMEPAGE: http://www.eweek.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

Shomiti Systems' Surveyor 3.1, a protocol analysis package, gets very good marks overall, supports Windows 2000, and operates with an optional Multi-QoS plug-in that can decode Cisco Systems' SSP (Skinny Station Protocol). Surveyor 3.1's enhanced filtering tool sorts packet data either before capture or after capture. During testing with the plug-in, Surveyor provided broad- based call and channel summarization tables and should be considered by IT managers assuming responsibility for support of Cisco IP phones and call management equipment. IT managers would be well advised to consider the total package, including Surveyor, Multi-QoS, and one or more Shomiti Explorer devices. Surveyor 3.1 speeds task required to reveal overall bandwidth capacity usage and provides particularized **accounts** of specific network interactions, including IP phone setup. In the short run, Surveyor 3.1 is easy to install and set up and should quickly offer a view of Voice-Over-IP (VoIP) traffic, which older protocol analyzers probably cannot see. In the long run, systematized use of Surveyor will be valuable for troubleshooting and as a measurement for normal traffic on the network. However, e-mail alarms operate only with Exchange, and full H.323 analysis requires use of Shomiti's hardware.

PRICE: $1495

COMPANY NAME: Finisar Corp   (567272)
SPECIAL FEATURE: Graphs Charts
DESCRIPTORS: Computer Telephony; **Internet**   **Traffic** Analysis; **Network**
      Administration; **Network** Management; **Network** Software; Performance
      Monitors ; VoIP; Webmasters; Windows NT/2000
REVISION DATE: 20020630

   15/5/5   (Item 5 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00121550   DOCUMENT TYPE: Review

PRODUCT NAMES: **WatchPoint 2.0.1**   **(766208)**

TITLE: **WatchPoint helps track your Web services**
AUTHOR: Currier, Bob
SOURCE: Network World,   v16 n52   p42(1) Dec 13, 1999
ISSN: 0887-7661
HOMEPAGE: http://www.nwfusion.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: D

AG Group' WatchPoint 2.0.1, a real-time Internet traffic analysis program,
gets excellent marks for documentation and very good marks for
installation, functionality, administration, and performance. However,
WatchPoint 2.0.1 cannot be recommended because it lacks notification
abilities, has time-out errors, and offers unsatisfactory **account**
management tools. WatchPoint 2.0.1 monitors HyperText Transfer Protocol
(HTTP) and FTP **traffic** bidirectionally for **network** servers. Two
applications are provided: **Monitor** , a data collection engine that resides
on a Windows NT workstation on the same network segment with the systems to
be monitored, and Java- written Console, which can be installed anywhere on
the Internet to communicate with Monitor through a TCP/IP connection.
Console is an interface to information gathered by Monitor and provides
tools for system configuration and management and for report analysis.
During testing, user- **account** features worked well to allow testers to
block access and restrict rights. However, the omission of a group feature
made larger group management inefficient. Users can generate HTML reports
with detailed information on transactions, content, and quality of service,
but lack of automated screen refresh (stateful processing) was a drawback.
Some display settings were not saved as testers moved between screens. The
network connection between Console and Monitor also proved to be unstable.
Users are advised to wait for the next release, when the problems should be
resolved.

PRICE: $3000

COMPANY NAME: WildPackets Inc   (489549)
SPECIAL FEATURE: Charts Tables
DESCRIPTORS: IBM PC & Compatibles; Internet Traffic Analysis; Internet
      Utilities; Intranets; Network Administration; Network Management;
      Network Software; QoS (Quality of Service); System Monitoring; System
      Performance; Webmasters; Windows NT/2000
REVISION DATE: 20020630

15/5/6   (Item 6 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00119280   DOCUMENT TYPE: Review

PRODUCT NAMES: Incentra 1.0   (775452); MailCheck E-Mail Management System
4.2   (507504)

TITLE: Keep Tabs On Your Mail Server
AUTHOR: Zeichick, Alan
SOURCE: InternetWeek,   v783 p50(3) Oct 4, 1999
ISSN: 0746-8121
HOMEPAGE: http://www.internetwk.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Tally Systems' MailCheck 4.2 is a standalone tool that monitors the
end-to-end availability of mail systems, while Tally's Incentra 1.0
publishes reports from MailCheck, ModemCheck, and IP.Check. ModemCheck and
IP.Check respectively monitor end-to-end availability of remote access
modem pools and IP networks linked to the Internet. MailCheck can test
e-mail performance and availability of local and remote mail systems, but
testers found that it requires a dedicated mail server on the LAN, in
addition to other e-mail clients on its host PC. MailCheck uses a dedicated
e-mail account on a local mail server to communicate with mail systems to
be monitored. The need for a local mail server results in a more
complicated monitoring process for external mail systems, and could
complicate tasks required of an IT administrator to monitor an outsourced
e-mail solution. MailCheck's target market is the local e-mail server user.
After setup with a host mail server, the process of defining mail systems
to be monitored is straightforward. Tally's separately priced Alert
component monitors MailCheck's tests and can send pages, Simple Network
Management Protocol (SNMP) alerts, or e-mail notifications if a monitored
mail server stops responding. Incentra provides a Web-enabled interface to
MailCheck, ModemCheck, and IP.Check data files, so that they can be
monitored away from their native consoles.

COMPANY NAME: Tally Systems Corp   (502499)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: E-Mail Utilities; Internet   Traffic Analysis; Internet
     Utilities; LANs; Network Administration; Network Software; System
     Monitoring ; Telephone Monitoring; Webmasters
REVISION DATE: 20020630

15/5/7   (Item 7 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00119244   DOCUMENT TYPE: Review

PRODUCT NAMES: Melia 2.0 SQL Server   (772496)

TITLE: Exchange Reports in Plain English
AUTHOR: Zeichick, Alan
SOURCE: InternetWeek,   v782 p30(2) Sep 27, 1999

HOMEPAGE: http://www.internetwk.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

MicroData Group's Melia (Microsoft Exchange Log Import Agent) 2.0, an
economically priced, intuitive mail log manager, compiles and presents
predefined reports that answer often-asked questions. With Melia, mail
administrators can use logs to control Exchange servers and their e-mail
traffic. The 32-bit Windows-based Melia can be installed on the same
machine with Exchange or on another 32-bit Windows system. All Melia needs
to function is the name and password of a valid **account** that is set up on
the server, along with read-only access to Exchange Server's log files.
Testers installed Melia on the testbed's Exchange 5.5 server, a Dell
PowerEdge 2300 with duel 400MHz Pentium II processors and 256MB RAM running
Windows NT 4 Server with Service Pack 4. Melia's agent parses the Exchange
Server logs according to a user- set schedule, and stores summary data in
its own database. Users have to re-enable Exchange logs that Melia
requires. Melia ships in two versions: Standard, which stores data in
Microsoft Access files and provides an Access 97 run-time engine; and the
more costly SQL version, which use SQL Server 6.5 or 7.0. Testers used the
SQL version with SQL Server 7.0. Melia's core feature provides reports from
a workstation application, which includes 42 predefined reports that answer
such questions as 'Which Internet domains sent us the most mail?'
Surprisingly, Melia does not track or report on the contents of e-mail
coming into the server.

PRICE: $695

COMPANY NAME: MicroData Group Inc   (668699)
SPECIAL FEATURE: Charts Screen Layouts
DESCRIPTORS: E-Mail Utilities; **Exchange** ; IBM PC & Compatibles; **Internet
      Traffic** Analysis; **Network** Administration; **Network** Software;
Report Generators; SQL Server; System Monitoring; Webmasters; Windows
REVISION DATE: 20020630

 15/5/8   (Item 8 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00117344   DOCUMENT TYPE: Review

PRODUCT NAMES: ATG Commerce Server   (026522)

TITLE: Sound and Vision: Personalization technology hits the right note...
AUTHOR: Sherman, Lee
SOURCE: Knowledge Management,   v2 n5 p24(2) May 1999
HOMEPAGE: http://www.kmmag.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Dynamo Relationship Commerce Server from Art Technology Group (ATG) is used
extensively by a direct mail music marketing group to create customized Web
interfaces for every person visiting the group's Web site. Dynamo collects
personal information given by club member **visitors** to the World Wide **Web
site** , then **tracks** the success or failure of various site-related

promotions on each member before creating customized content based on the
user's preferences and personal information. The ability to securely
purchase music and view entire **account** histories from the group's World
Wide Web site is all made possible by the Dynamo server's great cataloging
features. Unlike most other Web commerce sites, BMG's site rarely works
with credit card payments and instead prefers the old-fashioned 'bill me
later' approach to buying music. Using HTML to separate music content from
site functionality, Dynamo's Java framework can be customized for every
member.

COMPANY NAME: Art Technology Group Inc (ATG)   (593281)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Advertising; Entertainment Industry; Internet Marketing;
     Music; Personalization; Software Agents
REVISION DATE: 20030430

 15/5/9   (Item 9 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00117046   DOCUMENT TYPE: Review

**PRODUCT NAMES:. Acotec Remote Access Manager   (647195); RasTracker
(756415); Cisco Access Manager   (756423); PolarRAS   (756431); Remote
Traffic Agent   (756458)**

TITLE: Remote-Access Tools
AUTHOR: Loyola, Roman
SOURCE: Windows NT Systems,   v3 n5 pS11(3) May 1999
ISSN: 1091-0212

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

There are a wide number of software tools for systems administrators
needing to manage the expanding use of remote access technology, including
Acotec's Acotec Remote Access Manager, RasTracker from Argent, Cisco Access
Manager from Cisco Systems, PolorRAS from Left Coast Systems, and Remote
Traffic Agent from Intellimax. Remote Access Manager is designed to add
more resource management layers to Microsoft Windows NT's Remote Access
Service by providing managers with ways to manage **account** blockage, timed
sessions, and IP assignments. RasTracker comes with a built-in server to
monitor connections, can carry out user-defined requests while logging
network activity, and features a client component management interface.
Cisco Access is well suited for monitoring and managing high-volume ISDN
and modem access, and PolarRAS is a tracking usage application for online
service providers that provides custom tools for managing byte accounting,
duplicate logon protection, and user activity logs. Remote **Traffic** Agent
remotely **monitors   network   traffic** and can be used to communicate over
TCP/UDP IP connections with the company's other remote access applications.

COMPANY NAME: Acotec   (626309); Argent Software Inc   (536407); Cisco
     Systems Inc   (465828); Left Coast Systems Corp   (664014); Sunrise
     Telecom Inc   (664022)
SPECIAL FEATURE: Charts
DESCRIPTORS: IBM PC & Compatibles; Internetworking; Network Administration
     ; Network Management; Network Software; Remote Network Access; System
     Monitoring; Telecommunications; Windows NT/2000

REVISION DATE: 20020630

15/5/10   (Item 10 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00113865   DOCUMENT TYPE: Review

PRODUCT NAMES: Ravlin 4 (677531)

TITLE: Roll Your Own VPN: The Virtual Private Network is finally...
AUTHOR: Tadjer, Rivka
SOURCE: Small Business Computing,   v4 n1 p84(2) Jan 1999
ISSN: 1529-5117
HOMEPAGE: http://www.smalloffice.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A virtual private network (VPN) totally secures all online communication
through the Internet, including e-mail and Web site traffic. It encrypts
actual files and e-mails being sent back and forth and also all
communication that travels over ISDN or T1 lines. The standard way to get a
virtual private network (VPN) is through a long distance carrier. Every
location that wants to be part of the VPN must have its Internet access
account with the same long distance carrier. However, small businesses can
use a black box that plugs into a phone system and a **network** server, and
works together with **client** software to **monitor** all the remote users on
a network. Many VPN products, such as those from CheckPoint Software and
Shiva, are expensive and elaborate. RedCreek sells Ravlin 4, a simple, less
expensive VPN-in-a-box for small businesses that is fast and easy to set
up.

COMPANY NAME: SonicWALL Inc (509485)
DESCRIPTORS: Computer Security; E-Mail Utilities; Encryption; Firewalls;
    Internet Security; Internet Utilities; Internetworking; Intranets;
    Network Administration; Network Software; Small Business; System
    Monitoring
REVISION DATE: 20020630

15/5/11   (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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5391156   INSPEC Abstract Number: B9611-6150J-007
 Title: Multiple time scales and subexponentiality in MPEG video streams
  Author(s): Jelenkovic, P.R.; Lazar, A.A.; Semret, N.
  Author Affiliation: Center for Telecommun. Res., Columbia Univ., New
York, NY, USA
  Conference Title: Broadband Communications. Global Infrastructure for the
Information Age. Proceedings of the International IFIP-IEEE Conference on
Broadband Communications   p.64-75
  Editor(s): Mason, L.; Casaca, A.
  Publisher: Chapman & Hall, London, UK
  Publication Date: 1996 Country of Publication: UK   xiv+629 pp.
  ISBN: 0 412 75970 5   Material Identity Number: XX96-00388
  Conference Title: Broadband Communications '96
  Conference Sponsor: IFIP; IEEE

Conference Date: April 1996   Conference Location: Montreal, Que., Canada
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Theoretical (T); Experimental (X)

  Abstract: We develop a practical, multiple time scale model for MPEG video traffic whose accuracy and relatively low computational complexity make it well suited for real-time **traffic generation** experiments on broadband **networks** . The major feature of our approach is the decomposition of the frame size sequence into simple slow and fast time scale components. This accurately captures aspects of queueing behavior that are difficult to model otherwise. The model also exploits the existence of deterministic patterns that are due to the MPEG coding scheme. We also present a novel modeling approach based on spatial renewal processes (SRP). This model gives exact matches to any desired marginal distribution and any convex non-increasing autocorrelation function. In particular, it can match subexponentially decaying autocorrelations (i.e., can capture long range dependence), something no other model of comparable complexity can do. A SRP is suited for on-line model construction, since it involves no search in parameter spaces, and matches aggregated streams as easily as single streams. The SRP approach yields an analytically tractable queueing behavior, and thus provides a basis for admission control policies that take the dependence structure of video streams into **account** . The models are validated by queueing simulations. (17 Refs)
  Subfile: B
  Descriptors: broadband networks; computational complexity; queueing theory; telecommunication congestion control; telecommunication traffic; visual communication
  Identifiers: multiple time scales; subexponentiality; MPEG video streams; MPEG video traffic; computational complexity; broadband networks; frame size sequence; queueing behavior; MPEG coding scheme; spatial renewal processes; marginal distribution; convex non-increasing autocorrelation function; subexponentially decaying autocorrelations; admission control policies
  Class Codes: B6150J (Queueing systems); B6210 (Telecommunication applications); B0240C (Queueing theory)
  Copyright 1996, IEE

  15/5/12   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
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5231474   INSPEC Abstract Number: B9605-6210L-125, C9605-5620L-048
  Title: **Control and traffic organisation in segmented local area networks**
  Author(s): Grzech, A.
  Author Affiliation: Inst. of Control & Syst. Eng., Tech. Univ. Wroclaw, Poland
  Conference Title: Proceedings of IEEE Singapore International Conference on Networks/International Conference on Information Engineering 1995. Theme: Electrotechnology 2000: Communications and Networks (Cat. No.95TH8061)   p.131-5
  Editor(s): Poo, G.S.; Seumahu, E.S.
  Publisher: IEEE, New York, NY, USA
  Publication Date: 1995 Country of Publication: USA   xx+674 pp.
  ISBN: 0 7803 2579 6   Material Identity Number: XX95-02379
  U.S. Copyright Clearance Center Code: 0 7803 2579 6/95/$4.00
  Conference Title: Proceedings of IEEE Singapore International Conference on Networks and International Conference on Information Engineering `95
  Conference Date: 3-7 July 1995   Conference Location: Singapore
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Theoretical (T)

Abstract: To satisfy requirements in traffic control caused by trends observed in contemporary local area networks, their communication subsystems should be designed based on careful analysis of users requirements and available solutions. First of all the analysis should take into **account** the characteristics of **traffic generated** by **networks** users and supported within the network by various communication techniques. The aim of the paper is to present a model of a segmented communication subsystem of a local area network and an analysis of traffic in such an integrated subsystem. Similar tools are applied to meet and satisfy various users requirements and to improve the quality of communication services delivered by both local and wide area networks within integrated corporate solutions. (14 Refs)
Subfile: B C
Descriptors: LAN interconnection; telecommunication control; telecommunication traffic; wide area networks
Identifiers: traffic organisation; segmented local area networks; traffic control; communication subsystems; design; integrated subsystem; wide area networks
Class Codes: B6210L (Computer communications); B6150P (Communication network design and planning); C5620L (Local area networks); C5620W (Other computer networks)

15/5/13   (Item 3 from file: 2)

4681053   INSPEC Abstract Number: B9407-6210L-056, C9407-5620L-023
   Title: **Analysis of dynamic bandwidth control for LAN interconnection through ATM networks**
   Author(s): Ohba, Y.; Murata, M.; Miyahara, H.
   Author Affiliation: Kansai Res. Lab., Toshiba Corp., Kobe, Japan
   Abstract: Studies a dynamic bandwidth control for effective use of **network** resources in transmitting highly bursty **traffic generated** by, e.g., interconnected LAN systems. First, a new LAN traffic model is proposed in which correlation of not only packet interarrival times but also packet lengths are considered. An analytic model for a LAN-ATM gateway is next introduced. It employs dynamic bandwidth control using the proposed LAN traffic model and some performance measures are derived by it. The analytic model takes into **account** the probability that a bandwidth increase request may be rejected. Finally, some numerical examples are provided using the analysis method and performance comparisons between the dynamic and fixed bandwidth controls are made. As a result, it is quantitatively indicated that (i) if the equivalent bandwidth is used on average, the dynamic bandwidth control keeps packet and cell loss rates one to two orders lower than the fixed bandwidth control, (ii) when the more strict quality of service in terms of loss rate is requested, the dynamic bandwidth control can become more effective. (12 Refs)
   Subfile: B C
   Descriptors: asynchronous transfer mode; LAN interconnection; packet switching; telecommunication traffic; telecommunications control
   Identifiers: dynamic bandwidth control; LAN interconnection; ATM networks ; network resources; highly bursty traffic; interconnected LAN systems; traffic model; packet interarrival times; packet lengths; LAN-ATM gateway;

performance; packet loss; cell loss; quality of service
Class Codes: B6210L (Computer communications); B6150C (Switching theory);
C5620L (Local area networks); C5670 (Network performance)

15/5/14   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC
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01640180   INSPEC Abstract Number: B81012480
  Title: **Capacity allocation and reservation in common-user satellite
communications systems with a reconfigurable multiple-beam antenna and a
nonlinear repeater**
  Author(s): Alper, A.T.; Arnbak, J.C.
  Author Affiliation: Communications Div., SHAPE Tech. Centre, The Hague,
Netherlands
  Journal: IEEE Transactions on Communications   vol.COM28, no.9, pt.1
p.1681-92
  Publication Date: Sept. 1980 Country of Publication: USA
  CODEN: IECMBT ISSN: 0090-6778
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Practical (P); Theoretical (T)

  Abstract: The use of a flexible transmit multiple-beam antenna (MBA)
connected to a nonlinear satellite repeater is investigated as a means of
adaptive resource allocation in a common-user communications network
comprising different types and deployments of earth terminals. Such a
general-purpose network is typically encountered in hybrid systems
architectures supporting international command and control functions. A
priori strategies for the adjustment of MBA gains and carrier powers are
determined such that the performance of an FDMA or CDMA network is
optimized (in terms of the chosen strategy), taking **account** of realistic
uplink, repeater, and downlink noise contributions. Simple formulas are
derived for evaluation and comparison of different repeater and antenna
designs in the various possible operational scenarios; these formulas
obviate the need for detailed a priori allocation of all link parameters in
the **assessment** of **network** **traffic** capacity and fading margins.
Numerical studies of three hypothetical network scenarios are included to
illustrate the increased significance of nonlinear effects (such as
intermodulation noise) in any satellite system in which a flexible transmit
MBA can enhance the performance. This emphasizes the need for careful
planning and operational control of such flexible systems. (17 Refs)
  Subfile: B
  Descriptors: antenna arrays; military systems; repeaters; satellite relay
systems
  Identifiers: satellite communications systems; nonlinear satellite
repeater; adaptive resource allocation; hybrid systems architectures;
international command and control functions; network traffic capacity;
military systems; reconfigurable multiple beam antenna
  Class Codes: B6250G (Satellite relay systems); B7930 (Military
communications)

15/5/15   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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01603467   INSPEC Abstract Number: C80034905
 Title: **Computer speeds burgeoning East-West rail traffic**
  Author(s): Perei, J.
  Journal: International Business Equipment   vol.17, no.5   p.9, 12
  Publication Date: Sept. 1980 Country of Publication: Belgium

Abstract: Discusses a real time traffic management computer system which
will be implemented by MAV (Hungarian Railways). The Hungarian Railway
network links East-West rail **traffic** , and the need for closer
monitoring and control of traffic movements across Hungary's borders
stems from an enormous upsurge in freight traffic, particularly transit
traffic. Freight car rentals from western railway operators have jumped up.
The prime purpose of the new system is to minimise delays to western
freight cars as they cross the country. The system will be a tracing and
record-keeping system, and will form part of an interline **account** and
clearing system. (0 Refs)
Subfile: C
Descriptors: railways; traffic computer control
Identifiers: MAV; Hungarian Railway network; monitoring; control; traffic
movements; freight traffic; transit traffic; western railway operators;
East West rail traffic; real time traffic management computer system;
Hungarian border; freight car rental
Class Codes: C3360D (Rail-traffic systems); C7420 (Control engineering)

15/5/16   (Item 6 from file: 2)

00638955   INSPEC Abstract Number: B74020000
  **Title: On the statistical conditions by which connecting networks have to
work within an automatic exchange**
  Author(s): Dirlewanger, W.
  Author Affiliation: Univ. Erlangen-Nurnberg, West Germany
  Abstract: Two common assumptions in the design of connecting networks of
an automatic **exchange** are, firstly: often the **traffic** flows arriving on
the connecting **networks** are assumed to be pure chance traffic; secondly:
calls which are successful in a considered connecting network might be
lost, in certain circumstances on their further way through the exchange,
but these blockings are not usually taken into **account** . Using a
mathematical model of exchanges having the characteristics (a) loss system,
(b) only single stage connecting networks, (c) no conjugate selection over
two or more connecting networks the author shows that statistical
conditions by which connecting networks have to work within the exchange
are not met by the two assumptions mentioned. Mathematical formulae are
derived by which the real conditions of the exchange are described. One
formula gives an exact description of the smoothed traffic flows which
appear in the exchange. (7 Refs)
  Subfile: B
  Descriptors: automatic telephone systems; switching networks; switching
theory; telephone exchanges
  Identifiers: statistical conditions; connecting networks; automatic
exchange; mathematical model; smoothed traffic flows
  Class Codes: B6150 (Communication switching theory); B6230 (Switching
centres and equipment)

15/5/17   (Item 7 from file: 2)

00197625   INSPEC Abstract Number: B70038785, C70021770
  Title: On a traffic **simulation problem of the switching** network **for a common control** exchange
  Author(s): Dartois, J.P.
  Journal: Commutation et Electronique   no.30   p.36-45
  Publication Date: July 1970   Country of Publication: France
  CODEN: CELCAB   ISSN: 0010-3926
  Language: French   Document Type: Journal Paper (JP)

  Abstract: This network, developed as a part of the studies for the Pericles system, is characterized by the fact that the paths used for carrying speech cannot be differentiated from those used for preselection or during the signalling phase. For simulation one has to take **account** of the fact that the setting of a call requires a series of changes of the path in the network. The simulation method dealt with is a generalisation of the Kosten initial model and is based on the assumption of a negative exponential distribution law for the duration of the calls as well as for the duration of dialling and signalling. For each type of calls the setting process is given and the random event generator is fully described.
  Subfile: B C
  Descriptors: simulation; telephone exchanges; telephone switching equipment; telephony
  Class Codes: B6230D (Other telephone exchanges); C3370C (Telephony)

  15/5/18   **(Item 8 from file: 2)**

00139859   INSPEC Abstract Number: B70021834
  Title: On a telephone traffic model with repeated calls
  Author(s): Le Gall, P.
  Journal: Commutation et Electronique   no.28   p.66-88
  Publication Date: Jan. 1970   Country of Publication: France
  CODEN: CELCAB   ISSN: 0010-3926
  Language: French   Document Type: Journal Paper (JP)

  Abstract: With regard to observations made over the PTT telephone network and over the international traffic, a new traffic theory takes into **account** the phenomenon of repetition of calls. Results given, are in complete accordance with experiment. Finally, it is shown that the use of this new traffic model would have consequences for the volume of equipment, **traffic monitoring**, the planification of **networks** and economic studies of the relation between subscribers and network.
  Subfile: B
  Descriptors: modelling; telephone traffic recording
  Class Codes: B6220 (Stations and equipment)

  15/5/19   **(Item 1 from file: 35)**

910414   ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
PERFORMANCE EVALUATION OF TWO-HOP SYSTEMS IN LOCAL AREA NETWORKS
  Author: NIKTASH, MORTEZA
  Degree: PH.D.
  Year: 1985
  Corporate Source/Institution: CARLETON UNIVERSITY (CANADA) (0040)

Two-Hop Local Area Networks (LAN) extend data transmission services over larger geographic areas than those covered by single hop LANs. In such **networks** , the **traffic** **generated** by user terminals is relayed first to intermediate stations (controllers) each of which acts as a store-and-forward node and directs the collected traffic to the central station. Examples of such networks are two-hop centralized packet radio and two-hop CATV systems. Analysis of the two-hop LAN models is complicated, particularly when a sophisticated channel access protocol is used and the buffer capacity of each controller is greater than one message. In such cases, the number of system states increases rapidly as the system size grows.
          This thesis presents analytical techniques for the evaluation of the performance of a number of CSMA CD/CSMA CD two-hop configurations. The approach presented is based on decoupling the outer loops from the inner loops and analyze them separately, taking into **account** their interdependence. Two major contributions are achieved. The first is the development of an analytical approach for examining the impact of the performance of the inner loop on that of the outer loops. As a second contribution, we have considered a number of two-hop centralized packet radio networks and a two-hop CATV network, in which the outer-loops and the inner-loop employ the CSMA CD protocol 74 . Numerical as well as simulation results are presented to illustrate the performance of these networks in terms of throughput and average delay. For controller buffer capacity greater than one message, results of the analytical model are shown to agree closely with the results of associated simulation runs.

15/5/20   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09379771
Five banks in Taiwan allowed to offer onlineforex banking
   TAIWAN: 5 BANKS TO PROVIDE ONLINE FOREX SERVICE
The Taiwan Economic News (AMH)   09 Oct 2000   Online
Language: ENGLISH

In Taiwan, approval has been secured by five banks to conduct foreign exchange operations on the Internet. Consented by the Taiwanese central bank, the five banks are allowed to process online transfer worth up to NT$ 500,000 into overseas currencies on one **trading** day. The transfers via **Internet** are applicable to **clients** who are making the conversions between their **accounts** at a same bank only. Meanwhile, there is no cap on the maximum amount of foreign currencies that can be converted into other overseas currencies. The five banks are <US-based> Citibank, E Sun Bank, Fubon Commercial Bank, Bank SinoPac and First Commercial Bank.

COMPANY: FIRST COMMERCIAL BANK; BANK SINOPAC; FUBON COMMERCIAL BANK; E SUN BANK; CITIBANK; INTERNET

PRODUCT: Retail Banking Services (6006); Clearing Banks (6010CB);
     Commercial Banks (6020);
EVENT: Product Design & Development (33); Marketing Procedures (24);
COUNTRY: Taiwan (9TAI);

15/5/21   (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09263482
ISPs condemn expensive 'spy tax' proposal
  EUROPE: LEGISLATION MAY PLACE BURDEN ON ISPS
Total Telecom (TOT)   21 Mar 2000 online
Language: ENGLISH

European legislation relating to the interception of electronic
communications may place substantial financial burdens upon Internet
service providers (ISPs), experts believe. The UK Internet Service
Providers Association (ISPA) claims that many ISPs will not be able to
support the additional costs of state **monitoring** of **Internet   traffic** .
Although the facilities demanded of ISPs have not yet been laid out, plans
across Europe may require them to install new equipment and infrastructure
costing as much as GBt 500mn. The UK government, the first to introduce a
Regulation of Investigatory Powers Bill, suggests that interception may be
at a rate of one per 500 incoming phone lines.

PRODUCT: Economic Programmes (9108); Database Vendors (7375);
EVENT: Company Reports & **Accounts** (83); Government Regulations (93);
COUNTRY: European Community (4EC);

15/5/22   (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09250994
Lehman Brothers goes online in Asia with Thai Web site
  THAILAND: NEW WEBSITE UNVEILED BY LEHMANS
The Asian Wall Street Journal (ANQ)   13 Mar 2000 p.14
Language: ENGLISH

Through its finance unit in Thailand, Lehman Brothers Inc of US (Lehman),
has unveiled a new website in Thailand which will provide home loans and
savings to consumers in Thailand. The finance unit of Lehman in Thailand is
Global Thai Finance & Securities Ltd. According to Mr Brian Prince,
director of principal transactions in Asia for Lehman, said that by the end
of 2000 the website will be upgraded with facilities like personal loans,
credit cards, automobile loans and stock **trading** . **Surfers** can access
the **website** at, www.globalthai.com.

COMPANY: GLOBAL THAI FINANCE & SECURITIES; LEHMAN BROTHERS

PRODUCT: Commercial Banks (6020); Consumer Finance Institutions (6140);
    Nonbank Credit Card Firms (6141); Capital & Loanable Funds (E5630);
    Securities & Commodities Exchanges (6230); Securities Dealers (6211);
    Debt & Equity Securities (E5640); Savings **Account** Services (6001);
EVENT: Product Design & Development (33); Planning & Information (22);
COUNTRY: Thailand (9THA); United States (1USA);

15/5/23   (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09148330

Informatique : Continental Leasing/
   FRANCE: CONTINENTAL LEASING IS DOING FINE
Les Echos (LE)   24 Aug 1999 p.18
Language: FRENCH

Continental Leasing bets that rental will **account** for 60% of the computer
equipment in companies in 2002, compared to 20-25% today. The French
computer rental group is taking advantage of its services offer (a new tool
helps detect obsolete equipment while an **Internet** site helps **clients**
monitor their computers and performance) and its stronger presence in the
provinces. The company improved its sales margin at FFr 17mn in the first
six months of 1999 (FFr 7mn in the same year-earlier period) while the
turnover surged 83% at FFr 190mn. Contracts with large groups which
Continental Leasing handles directly, accounted for 50% of the FFr 315mn
turnover it posted in 1998. Though, the small and medium companies **account**
for 85% of the total clientele of 200,000. The group manages FFr 800mn in
computers, screens, printers, network equipment, etc. It operates through a
network of 1,200 computer distributors in France.

COMPANY: CONTINENTAL LEASING
PRODUCT: Computers & Auxiliary Equip (3573);
EVENT: Company Reports & **Accounts** (83);
COUNTRY: France (4FRA);

   15/5/24   (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09064424
Financial giants caught out by net
   US: WILL MAJOR BROKERS ADOPT THE INTERNET?
Financial Times (FT)   24 Feb 1999 p.33
Language: ENGLISH

According to Gomez Advisors, in the past twelve months, internet retail
share trading **accounts** have risen 100% to reach 7.8mn. 66% of trading by
Charles Schwab is conducted online. Goldman Sachs is currently
contemplating its internet options and seems likely to develop this via a
joint venture. However, Salomon Smith Barney has no plans at the moment to
offer **trading** via the **internet** and says its **clients** are more
interested in features such as real-time stock quotes. Merrill Lynch has no
internet trading **accounts** but plans to offer it to 55,000 current
brokerage **accounts** by 15 March 1999. Paine Webber plans to offer internet
options to some current brokerage **accounts** by the end of the second
quarter. Most brokerages intend to offer **internet** **trading** to current
 clients not as a separate service but a part of a package which includes
advice. Morgan Stanley analyst Henry Mcvey feels that in order to boost
their brand, brokers will have to adopt the internet, even although it will
mean they lose out from lower fees.
(c) Financial Times 1999

COMPANY: CHARLES SCHWAB; MORGAN STANLEY; PAINE WEBBER; SALOMON SMITH
BARNEY; GOMEZ ADVISORS; GOLDMAN SACHS; MERRILL LYNCH

PRODUCT: Securities & Commodities Exchanges (6230); Securities Dealers (
6211); Debt & Equity Securities (E5640); Commercial Banks (6020); Banking
    Institutions (6010);
EVENT: General Management Services (26); Marketing Procedures (24);
COUNTRY: United States (1USA);

15/5/25   (Item 6 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06525467
Tracker merger talks called off
  UK: NO MERGER FOR TRACKER AND TRAFFICMASTER
Fleet News (FTN)   26 Sep 1997 p.8
Language: ENGLISH

Disagreement over acceptable terms for each other's shareholders has
resulted in the failure of merger talks between Tracker, the stolen vehicle
tracking company, and Trafficmaster, the **traffic** information **network**
operator. Meanwhile, **Tracker** has reported continued growth, with a
profit in the first half to 30 June 1997 versus a loss a year earlier.
Table: Tracker Figures in GBt mn   Current Previous/Change Turnover
6.87 5.02 36.85% Pre-tax Profits 0.451 (0.164)

COMPANY: TRAFFICMASTER; TRACKER

PRODUCT: Motor Vehicles & Parts (3710); Computers & Auxiliary Equip (3573
); Navigation Systems (3662NS);
EVENT: Acquisitions & Mergers (15); Company Reports & **Accounts** (83);
COUNTRY: United Kingdom (4UK);

15/5/26   (Item 7 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06469670
CISCO PUSHING ITS USER BASE TOWARDS NETFLOW
  SINGAPORE: NETFLOW SWITCHING TARGETED BY CISCO
Asia Computer Weekly (XCF)   18 May 1997 P.12
Language: ENGLISH

Netflow switching technology is targeted by Cisco Systems in Asia. It
permits Cisco's routers to merge network-layer switching with network
services connection and offers security, service quality and traffic data.
With netflow switching, service providers can shift away from flat-rate
billing and avoid major network **account** usage. Service providers can also
supervise IP packets and efficiently organise their networks. Netflow
switching is presently utilised for four major applications which include
network planning, **network** **monitoring** , marketing and **client** service,
and billing/accounting.

COMPANY: CISCO SYSTEMS

PRODUCT: Computers & Auxiliary Equip (3573);
EVENT: Planning & Information (22);
COUNTRY: Singapore (9SIN);

15/5/27   (Item 8 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06180482
NEW PLAYER IN TELECOMS WAR

AUSTRALIA: NETWORK EXCHANGE MERGE WITH CORPTEL
Australia Financial Review (AFR)   17 Jul 1995 P. 9
Language: ENGLISH

The merger between corpTEL & Network Exchange has created an influential &
powerful new player in the telecommunications service market. The marriage
has threatened to 'dilute' the other service providers' market share.
Besides this, the new venture is set to become a carrier in 24 months' time
when the market opens to competition. The new entity will offer network
management facilities cum billing. The wholly Australian owned & controlled
entity intends to install switches nation-wide in the next few months so as
to transform itself into a de facto carrier. The venture is eyeing the
corporate sector, where there is a high demand for lowering communications
costs. Moreover, large & medium firms are increasingly keen to outsource
their telecommunications **accounts** . With the marriage, corpTEL will assume
control of **Network Exchange** 's **client** base. And their combined billing
revenue has already surpassed AU$ 140 mn. The company believed that the
turnover could hit some AU$ 200 mn by December 1995.
COMPANY: NETWORK EXCHANGE; CORPTEL

PRODUCT: Telephone Communications (4811);
EVENT: Acquisitions & Mergers (15);
COUNTRY: Australia (9AUS);

 15/5/28   (Item 9 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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04876208
French railways plans TGV fast truck link
  FRANCE - SNCF PLANNING TGV TRUCK SERVICE
International Freighting Weekly (IFW)   3 February 1992 p3
ISSN: 0032-5007

SNCF Fret (France) has announced an ambitious bimodal programme to transfer
trucks from road onto rail. This follows claims from motorway
concessionaires that the main Paris-Lille-Marseille artery of France's road
network will reach saturation point in the next 3-5 years. The N-S
TGV-Truck service planned by SNCF would handle up to 30k hgvs/d, and a
2-way, 800 km Lille-Paris-Marseille stretch would require an estimated
investment of FFr45 bil. Building new **track** and adapting the existing
freight **traffic** **network** would **account** for most of this investment,
with priority being given to the route between Paris and Dijon, France,
where 2-way sections of track would be built. According to SNCF, the French
state railway, TGV-Truck would save up to FFr1 bil/y on motorway
maintenance costs. However FNTR, the road haulage association, says that
the SNCF Fret proposal goes against the real bimodal development it is
committed to with SNCF. The project is still at the proposal stage and will
not be carried out before the beginning of the 21st century.**
COMPANY: SNCF; SNCF FRET

PRODUCT: Rail Freight Transport (4012);
EVENT: NEW SERVICE EXTENSION (36); PHYSICAL DISTRIBUTION ACTIVITIES (69
);
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European
     Economic Community Countries (419); NATO Countries (420); South East
     Asia Treaty Organisation (913);
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File    2:INSPEC 1969-2005/Mar W2
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           (c) format only 2005 The Dialog Corp.
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           (c) 2005   Thomson Derwent
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             (c) 2005 Detroit Free Press Inc.
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S1        250    EXIT()TRAFFIC?
S2          3    S1(5N)(TRACK? OR MONITOR? OR ASSESS? OR WATCH)
S3          3    RD (unique items)
S4     259844    (DEBIT? OR CHARGE? OR PAYMENT?)(5N)(ACCOUNT OR ACCOUNTS)
S5          1    S1 AND S4
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Considered

3/3,K/1   (Item 1 from file: 63)
DIALOG(R)File   63:Transport Res(TRIS)
(c) fmt only 2005 Dialog Corp. All rts. reserv.

00757051   DA
**TITLE: BEHAVIOURAL ASPECTS OF AUTOMATIC VEHICLE GUIDANCE (AVG); LEAVING THE
    AUTOMATED LANE**
AUTHOR(S): DE VOS, AP; HOEKSTRA, W
CORPORATE SOURCE: TNO HUMAN FACTORS RESEARCH INSTITUTE TM, P O BOX 23,
    SOESTERBERG , 3769 ZG, NETHERLANDS
Issue Number: TM-97-C010   Pag: 36P
PUBLICATION DATE: 19970312   PUBLICATION YEAR: 1997
LANGUAGE: ENGLISH   SUBFILE: IRRD   (I)
IRRD DOCUMENT NUMBER: 491598
REFERENCES: 17
DATA SOURCE: Transport Research Laboratory (TRL)

DESCRIPTORS: DRIVING (VEH); SIMULATION; INTELLIGENT TRANSPORT SYSTEM;
    AUTOMATIC; DRIVER; SPEED; COMFORT; HEADWAY; TRAFFIC LANE; **EXIT** ;
    TRAFFIC FLOW ; EVALUATION (**ASSESSMENT**); BEHAVIOUR; SAFETY; CONTROL

3/3,K/2   (Item 1 from file: 194)
DIALOG(R)File 194:FBODaily
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2336693
UNARMED GUARD SERVICE
Sol DTFA14-89-B-32871 BOD, 09-25-89 POC 312-694-7185 at the Indianapolis,
Indiana Air Route Traffic Control Center (ARTOC). The work consists of
 monitoring and controlling entrance and **exit**   **traffic** , patrolling, and
protecting government property. This work is required on a 24 hour, 7 day a
week basis. The issue date is Aug. 26, 1989, BOD is Sept. 24, 1989 at 2
p.m. local time. The bid range is $25,000 - $100,000. (221)

SPONSOR: FAA, 2300 East Devon Ave., AGL-55C, Des Plaines, IL 60018
PUBLICATION DATE: AUGUST 11, 1989
ISSUE: PSA-9903

... 7185 at the Indianapolis, Indiana Air Route Traffic Control Center
(ARTOC). The work consists of **monitoring** and controlling entrance and
 exit   **traffic** , patrolling, and protecting government property. This work
is required on a 24 hour, 7 day...

3/3,K/3   (Item 1 from file: 494)
DIALOG(R)File 494:St LouisPost-Dispatch
(c) 2005 St Louis Post-Dispatch. All rts. reserv.

07106183
CHANGES AT INDY MADE TO BENEFIT DRIVERS, FANS
St. Louis Post Dispatch (SL) - FRIDAY, April 16, 1993
By: John Sonderegger
Edition: FIVE STAR   Section: SPORTS   Page: 06D
Word Count: 1,041

... keep the fast traffic in the corners separated from the slower traffic,
as all pit **exit**   **traffic** now will enter the **track** at the exit of the
second turn. Drivers entering the pits will have three options...

00467838
PARTIALLY USER-DEFINED COMPUTER TRANSPORTATION SYSTEM
SYSTEME DE TRANSPORT INFORMATISE DEFINI PARTIELLEMENT PAR L'UTILISATEUR
Patent Applicant/Assignee:
  DSX INTERNATIONAL INC,
  STUKEL David S,
  MALICK Doug H,
Inventor(s):
  STUKEL David S,
  MALICK Doug H,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9858303 A2 19981223
  Application: WO 98US13063 19980616   (PCT/WO US9813063)
  Priority Application: US 97899485 19970617
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AU CA CN JP MX AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Fulltext Word Count: 59765

Fulltext Availability:
  Detailed Description

Detailed Description
 ......can select are as follows.: A Daily Scheduler Button 264 for returning
   to FIG. 5; **Exit   TraffiCop** Button 266 to end running of Computer
   Program 26; Police Box Button 268 for reporting...Computer System 55
   defaults to the current client record in Field 617 because most client
   charges are for the client's **account** . However, the present screen FIG.
   40 allows the user
?